

STATE OF CALIFORNIA SIERRA NEVADA CONSERVANCY

Sierra Nevada Conservancy Grant Program Safe Drinking Water, Water Quality and Supply, Flood Control, River and Coastal Protection Act of 2006 (Proposition 84)

Applicant: AMADOR WATER AGENCY
Project Title: REGIONAL APPROACH FOR WATER REUSE
Application Number: SNC 080207

PROJECT SCOPE

This project will develop a Recycled Water Facility Model and Master Plan to serve as a functional and guiding document for the Agency, while at the same time being made available to similar entities for use in other areas of the region as a baseline to formulate a comparable planning document. The impacts of climate change, projected growth in the area and limited available water for industrial, agricultural and commercial purposes highlights the need for water conservation. The recycled water plan addresses water quality by diverting effluent from surface water discharge to agricultural and industrial applications.

The project will institute an outreach plan to support the development of a strategic water reuse plan for Amador County. The outreach efforts will provide a firm basis for the development of the Recycled Water Strategic Facility Model and Master Plan (Plan). The outreach activities associated with the project will also serve as a regional model which other agencies throughout the Sierra Nevada can apply toward more localized efforts to develop a recycled-water distribution system.

Specifically, the Agency will:

- Utilize and adhere to the previously developed Regional Wastewater Management Plan in formulating the deliverables for the project
- Utilize and adhere to the previously developed Recycled Water Feasibility Studies in formulating the deliverables of the project
- Execute the Strategic Outreach Plan throughout Amador County, including:
 - Identifying stakeholders and participants and identifying their needs
 - Identifying Values and Benefits associated with project
 - Research technologies related to operating a wastewater reuse project
 - Provide opportunities for public interaction and involvement
 - Formulate concepts based on stakeholder input and feedback
 - Formalize all necessary agreements, define roles, and delineate responsibilities
- Develop the Recycled Water Strategic Facility Model and Master Plan, including:
 - Conduct a recycled water market assessment for Amador County to identify potential users and forecast demand
 - Identify, research and analyze project alternatives relative to placement of facilities and alignments of transmission infrastructure

- Develop a Construction Financing Plan to support future investments in treatment and transmission
- Develop a Facilities Planning Report for use in siting and designing treatment and transmission infrastructure.
- Conduct follow-up public outreach and solicit feedback on the draft plan
- Finalize and publish the Master Plan and make available to comparable entities throughout the SNC area of operation
- Make staff available to potential users of the plan to provide insight relative to the plan serving as a model for other Sierra Nevada Communities.

PROJECT SCHEDULE

DETAILED PROJECT DELIVERABLES	TIMELINE
Identify stakeholders and participants	February 2009
Identify participant needs	March 2009
Identify values and benefits to be communicated to stakeholders and participants	April 2009
Research technologies related to operating a reclaimed wastewater	March 2009 – April 2009
Initiate efforts to solicit for public involvement and interaction	May 2009 – November 2009
Formulate concepts based on stakeholder input and feedback	May 2009 – August 2009
Complete and submit six-month progress report to SNC	September 2009
Formalize all necessary agreements, define roles and delineate responsibilities	September 2009 – November 2009
Conduct recycled water market assessment	December 2009 – February 2010
Complete and submit twelve-month progress report to SNC	February 2010
Identify, research and analyze project alternatives	February 2010 – April 2010
Develop a Construction Financing Plan	April 2010 – May 2010
Develop a Facilities Planning Report	May 2010 – August 2010
Conduct public outreach and solicit feedback on the draft plan	May 2010 – August 2010
Complete and submit eighteen-month progress report to SNC	September 2010
Finalize and publish the Master Plan and make available to comparable entities throughout the SNC area of operation	September 2010
Make staff available to potential users of the plan to use as an applicable model for other Sierra Nevada Communities	October 2010 – January 2011
FINAL PAYMENT/FINAL PAYMENT REQUEST	February 25, 2011

PROJECT COSTS

PROJECT BUDGET CATEGORIES	TOTAL SNC FUNDING
Development and implementation of Strategic Outreach Plan	\$90,000
Recycled Water Market Assessment	30,000
Alternatives Analysis	50,000
Construction Financing Plan	15,000
Facilities Planning Report	40,000
Public Outreach (specific to Master Plan)	15,000
Project Management and Progress Reporting	30,000
GRAND TOTAL	\$270,000

PROJECT SUPPORT LETTERS

- Amador County Board of Supervisors
- Amador Fire Protection District
- California Department of Forestry and Fire Protection (Cal Fire)
- Senator Dave Cox, 1st Senate District

PROJECT PERFORMANCE MEASURES

There are four Performance Measures common to all grants. In addition, grantees are required to include between one and three project-specific measures. Performance Measures listed here represent those proposed by applicants and may be modified through further discussion with SNC staff.

- Number and Diversity of People Reached
- Number of Collaboratively Developed Plans and Assessments